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JAPANESE MEDICAL EQUIPMENT

BALANCE, PHARMACEUTICAL, KNIFE EDGE, FIELD

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MEDICAL ANALYSIS SECTION
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2 January 1945.

Balance, Pharmaceutical, Knife Edge, Field

SOURCE: Tokyo, Japan.

IMPORTANCE: Not previously reported.

DESCRIPTION: This balance is contained in a wooden case, 9" x 6" x 2 1/2".

The case is made of hard wood and is hinged on 2 sides which permits one side, 9" x 2 1/2", to act as the foundation for the beam support which is fastened to it.

On the upper side of the case are two U-shaped metal holders which support the pan support when the case is closed. On the lower side is a pair of weight forceps, two plastic watch glasses, and a box of weights from 10 grams to 10 milligrams. There is a zero point scale on the beam support. The beam is 6" long with adjustment screws on both ends. There are 3 knife edges on the beam, one as a middle fulcrum and two for the pan supports. There is a plumb bob posterior to the beam support which is used to level the balance before using.

COMMENT: This balance is of the usual type and quality. It is interesting, however, in that the balance is compact and easily utilized in the field. It could be adopted by field units to great advantage.

Photographs: Fig. 1. Balance, case closed.

Fig. 2. Balance, case open.

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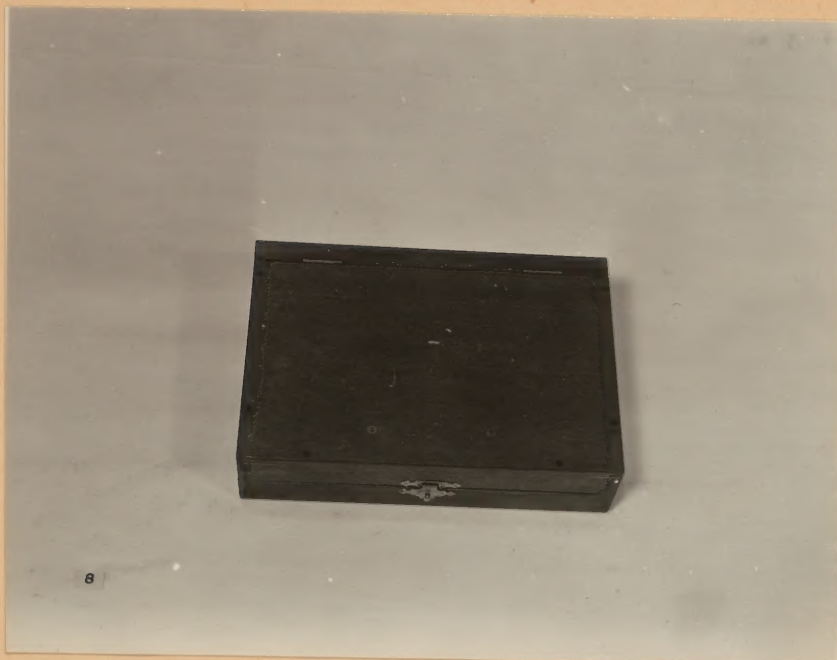


Fig 1: Case, closed.



Fig 2: Case, open.

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